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03500.103410.

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

AKIRA UNNO, et al.

Application No.: 10/532,078

Intl. Filing Date: October 8, 2004

371(c) Date: April 21, 2005

For: ORGANIC SEMICONDUCTOR
DEVICE, PROCESS FOR
PRODUCING THE SAME, AND
ORGANIC SEMICONDUCTOR
APPARATUS

Examiner: Matthew W. Such

Group Art Unit: 2891

January 9, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents, other than the U.S. patent documents, are enclosed. Also enclosed is an English-language abstract for each of the listed Japanese documents.

The following documents were cited in the International Search Report and/or Written Opinion which issued in the corresponding international application:

Japan 2004-165427; Europe 1 385 220; Japan 2004-55654; Europe 1 006 152;

Japan 2000-256527; U.S. Patent No. 6,252,002; the M. Yoshida article; U.S. Patent No.

5,500,537; and Japan 3-255669. A copy of the International Search Report and a copy of the Written Opinion are enclosed.

The following documents are discussed at the following pages of the specification:

<u>Documents</u>	<u>Page(s)</u>
A. R. Brown, et al., Synthetic Metals, Vol. 68, 1994	3
Japan 7-206599	3
Y.-Y. Lin, et al., IEEE Electron Device Letters, Vol. 18, No. 12, December 1997.	3
Japan 2001-94107	4
U.S. 6,433,359	4
M. Yoshida, et al., Synthetic Metals, Vol. 137, 2003	4
WO 03/041185	5

U.S. Patent Nos. 5,546,889, 5,556,706, and 5,912,473 are believed to be in the same patent family as Japan 7-206599; U.S. Publication No. 2004/0012018 and Europe 1 385 220 are believed to be in the same patent family as Japan 2004-55654; U.S. Patent No. 6,252,002 and Europe 1 006 152 are believed to be in the same patent family as Japan 2000-256527; and U.S. Patent No. 5,500,537 is believed to be in the same patent family as Japan 3-255669.

This Information Disclosure Statement is being filed before the issuance of a first Office Action on the merits. Therefore, no fee under 37 C.F.R. § 1.97(c)(2) is believed due. Nevertheless, the Commissioner may charge Deposit Account No. 06-1205, should any fee be due for filing this paper.

Applicants request that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

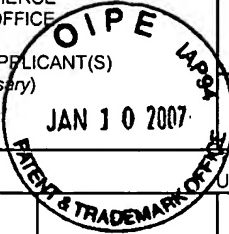
Applicants' undersigned attorney may be reached in our Costa Mesa, California office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. 03500.103410.		APPLICATION NO. 10/532,078	
				APPLICANT AKIRA UNNO, et al.			
				371(c) DATE: April 21, 2005		GROUP 2891	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		7,008,701	03/07/06	Notsu, et al.	428	641	
		6,828,214	12/07/04	Notsu, et al.	438	455	
		6,783,588	08/31/04	Aoto, et al.	117	4	
		6,639,327	10/28/03	Momoi, et al.	257	913	
		6,613,678	09/02/03	Sakaguchi, et al.	438	695	
		6,593,211	07/15/03	Sato	438	455	
		6,569,748	05/27/03	Sakaguchi, et al.	438	455	
		6,506,665	01/14/03	Sato	438	458	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		1 385 220	01/28/04	Europe			
		1 006 152	06/07/00	Europe			
		2004-165427	06/10/04	Japan			Abstract
		2004-55654	02/19/04	Japan			Abstract
		2001-94107	04/06/01	Japan			Abstract
		2000-256527	09/19/00	Japan			Abstract
		7-206599	08/08/95	Japan			Abstract
		3-255669	11/14/91	Japan			Abstract
		03/041185	05/15/03	PCT/WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		A. R. Brown, et al., "A universal relation between conductivity and field-effect mobility in doped amorphous organic semiconductors", <i>Synthetic Metals</i> , Vol. 68, 1994, pp. 65-70.					
		Y.-Y. Lin, et al., "Stacked Pentacene Layer Organic Thin-Film Transistors with Improved Characteristics", <i>IEEE Electron Device Letters</i> , Vol. 18, No. 12, December 1997, pp. 606-608.					
		M. Yoshida, et al., "Surface Potential Control of an Insulator Layer for the High Performance Organic FET", <i>Synthetic Metals</i> , Vol. 137, 2003, pp. 967-968.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 3

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,433,359	08/13/02	Kelley, et al.	257	40	
		6,413,874	07/02/02	Sato	438	714	
		6,407,367	06/18/02	Ito, et al.	219	390	
		6,375,738	04/23/02	Sato	117	89	
		6,335,269	01/01/02	Sato	438	509	
		6,252,002	06/26/01	Yamada, et al.	525	228	
		6,221,738	04/24/01	Sakaguchi, et al.	438	455	
		6,171,982	01/09/01	Sato	438	795	
		6,143,629	11/07/00	Sato	438	455	
		6,143,628	11/07/00	Sato, et al.	438	455	
		6,106,613	08/22/00	Sato, et al.	117	54	
		5,970,361	10/19/99	Kumomi, et al.	438	409	
		5,912,473	06/15/99	Wakita, et al.	257	40	
		5,556,706	09/17/96	Wakita, et al.	438	421	
		5,546,889	08/20/96	Wakita, et al.	117	84	
		5,500,537	03/19/96	Tsumura, et al.	257	40	
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